

In the Claims:

Please amend the claims as indicated:

Claims 1-71 (Canceled)

72. (Currently Amended) An article comprising an open-cell diamond foam material article soldered to a solderable material article.

73. (Original) The article of claim 72 wherein said diamond foam material article is soldered to said solderable material article at a surface region formed from a material selected from the group including metals, metal alloys, semiconducting materials, ceramics, and cermet materials.

74. (Currently Amended) An article comprising an open-cell diamond foam material article brazed to a brazeable material article.

75. (Original) The article of claim 74 wherein said diamond foam material article is brazed to said brazeable material article at a surface region formed from a material selected from the group including metals, metal alloys, semiconducting materials, ceramics, and cermet materials.

76. (Currently Amended) An article comprising an open-cell diamond foam material article bonded by diamond material to a component at an attachment surface of said component formed from a diamond film.

77. (Original) The article of claim 76 wherein said component is formed from diamond.

78. (Original) The article of claim 76 wherein said component is formed from a material other than diamond having a diamond film deposited on at least said attachment surface thereof.

79. (Currently Amended) An article comprising an aperiodic open-cell diamond foam material article adhesively bonded to a component at an attachment surface of said component.